

### Amendments to the CLAIMS

#### Claims 1-23 (Canceled)

24. (Previously presented) A process for producing human lactoferrin which comprises culturing a transformant eucaryotic cell containing a recombinant plasmid, said plasmid comprising a plasmic vector having a polydeoxyribonucleotide which codes for a human lactoferrin protein in a suitable nutrient medium until the human lactoferrin protein is formed and isolating the human lactoferrin protein.

#### Claims 25-64 (Canceled)

65. (Previously presented) The process of claim 24, wherein the eucaryotic cell is a mammalian cell.

66. (Previously presented) The process of claim 65, wherein the mammalian cell is immortalized.

67. (Previously presented) The process of claim 24, wherein the eucaryotic cell is a fungal cell.

68. (Currently amended) The process of claim ~~24-67~~, wherein the ~~eucaryotic~~ fungal cell is a yeast cell.

69. (Previously presented) The process of claim 24, wherein the eucaryotic cell is an insect cell.

70. (Previously presented) The process of claim 69, wherein the insect cell is a SF9.

71. (Currently amended) The process of claim 67, wherein the fungal cell is selected from the group consisting of ~~Aspergillus, Saccharomyces, Kluyveromyces and Pichia~~ Aspergillus, Saccharomyces, Kluyveromyces and Pichia.

72. (Currently amended) The process of claim 71, wherein the fungal cell is ~~Aspergillus~~ Aspergillus.

73. (Currently amended) The process of claim 72, wherein the ~~Aspergillus~~ Aspergillus cell is selected from the group consisting of *Aspergillus oryzae*, *Aspergillus niger*, *Aspergillus nidulans* and *Aspergillus awamori*.

74. (Currently amended) The process of claim 72, wherein the ~~Aspergillus~~ Aspergillus cell is *Aspergillus oryzae*.

75. (Currently amended) The process of claim 72, wherein the ~~Aspergillus~~ Aspergillus cell is *Aspergillus niger*.

76. (Currently amended) The process of claim 72, wherein the ~~Aspergillus~~ Aspergillus cell is *Aspergillus nidulans*.

77. (Currently amended) The process of claim 72, wherein the ~~Aspergillus~~ Aspergillus cell is *Aspergillus awamori*.